

For Parts 2 and 4, this is the correct output for the given sample input files. For Part 1, you create your own objects, so the output will vary. For Part 4, the output depends on the order in which you process the transactions, but the difference between the sample answers for Part 4(a) (random allocation of transactions to tellers) and 4(b) (smarter allocation of transactions to tellers) gives you an idea of what your program should achieve.

Part 1:

Account 1234 contains €12.34

Account 2345 contains €23.45

Account 3456 contains €34.56

Part 2:

Account 76846284 contains €6.01

Account 32966384 contains €2.01

Account 93725245 contains €9.01

Account 17589264 contains €1.01

Account 94624375 contains €10.01

Account 65473829 contains €5.01

Account 33827654 contains €3.01

Account 89673621 contains €8.01

Account 62839455 contains €4.01

Account 78372619 contains €7.01

Part 3:

max account balance in bank is: €10.01

average account balance in bank is: €5.51

total amount of funds in bank is: €55.1

Part 4(a):

Teller Jack completed 14 transactions in 14 minutes

Teller Emma completed 9 transactions in 18 minutes

Teller Paul completed 7 transactions in 21 minutes

Part 4(b):

Teller Jack completed 16 transactions in 16 minutes

Teller Emma completed 8 transactions in 16 minutes

Teller Paul completed 6 transactions in 18 minutes